

## **ABSTRACT**

*Investing in capital markets required considerable knowledge, experience and business sense to analyze the effect - the effect of which will be purchased, which will be sold, and which are still owned. Investors generally want a high rate of return with low risk.*

*This study aims to reveal how to analyze an investment by diversifying in order to minimize risk and achieve the expected benefits using Capital Asset Pricing Model and determine the performance of a portfolio that is formed using the Sharpe ratio, Treynor ratio, and Jensen. This research is descriptive quantitative research that describes the state of the object and does not intend to take or draw conclusions that are generally applicable.*

*The results showed stocks that form the optimal portfolio using the CAPM is ATPK, CENT, DNET, EPMT, HERO, HOME, KIAS, KIJA, KPIG, MDLN, MYOH, PBRX, PWON, KING, READY, SRAJ, TPIA, UNTR, ARTI, ICON, MITI. The proportion of funds, return and risk in a portfolio has a value that is different. Results of the assessment of portfolio performance using Sharpe ratio to get the best performance on the portfolio F with Sharpe index of 21.191%. In Treynor ratio indicates portfolio performance is best with a portfolio J Treynor index of 0.377%. As for Jensen Jensen having a positive index is a portfolio D, E, F, H, K.*

**Keywords:** Optimal Portfolio, Indonesia Sharia Stock Index, Sharpe Ratio, Jensen, Treynor, and the Capital Asset Pricing Model (CAPM)